

What is claimed is:

1. A laparoscopy probe having at least one planar transducer.
2. The probe of claim 1, wherein the probe body has a channel for inserting an ultrasound angiography probe.
3. The probe of claim 2, having a plurality of transducers and a flexible or articulated body.
4. The probe of claim 3, having a channel that opens in the region of said transducer, adapted to transmit a partial vacuum.
5. The probe of claim 4, wherein the opening of said channel surrounds the transducer.
6. The probe of claim 2, having a channel that opens in the region of said transducer, adapted to transmit a partial vacuum.
7. The probe of claim 6, wherein the opening of said channel surrounds the transducer.
8. The probe of claim 1, having a plurality of transducers and a flexible or articulated body.
9. The probe of claim 8, having a channel that opens in the region of said transducer, adapted to transmit a partial vacuum.
10. The probe of claim 9, wherein the opening of said channel surrounds the transducer.
11. The probe of claim 1, having a channel that opens in the region of said transducer, adapted to transmit a partial vacuum.
12. The probe of claim 11, wherein the opening of said channel surrounds the transducer.

13. A coagulation apparatus having an ultrasound transducer and a scalpel blade movable with respect to said transducer.

14. The apparatus of claim 13, further having an imaging transducer.

15. A coagulation instrument having a planar ultrasound transducer without a membrane, mounted in the region of an end of a cable.

16. The coagulation instrument of claim 15, wherein it has a diameter less than 1 to 5 mm.

17. The coagulation instrument of claim 15, wherein the cable is flexible.

18. The coagulation instrument of claim 16, wherein the cable is flexible.

19. An endoscopic apparatus comprising:

- a coagulation instrument having a planar ultrasound transducer without a membrane, mounted in the region of an end of a cable, and
- a cooling and coupling fluid circuit, with fluid inlet and outlet openings.

20. The endoscopic apparatus of claim 19, wherein the fluid inlet and outlet openings are in the region of the transducer.

21. The endoscopic apparatus of claim 19, wherein the coagulation instrument has a diameter less than 1 to 5 mm.

22. The endoscopic apparatus of claim 19, wherein the cable is flexible.

23. The endoscopic apparatus of claim 19, wherein the transducer is in the region of a free end of the apparatus.